

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P642773

Luminaire Tested: GWS-SA6D-750-U-SLR-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642773  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-42)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA6D-750-U-SLR-W-GRSBK  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

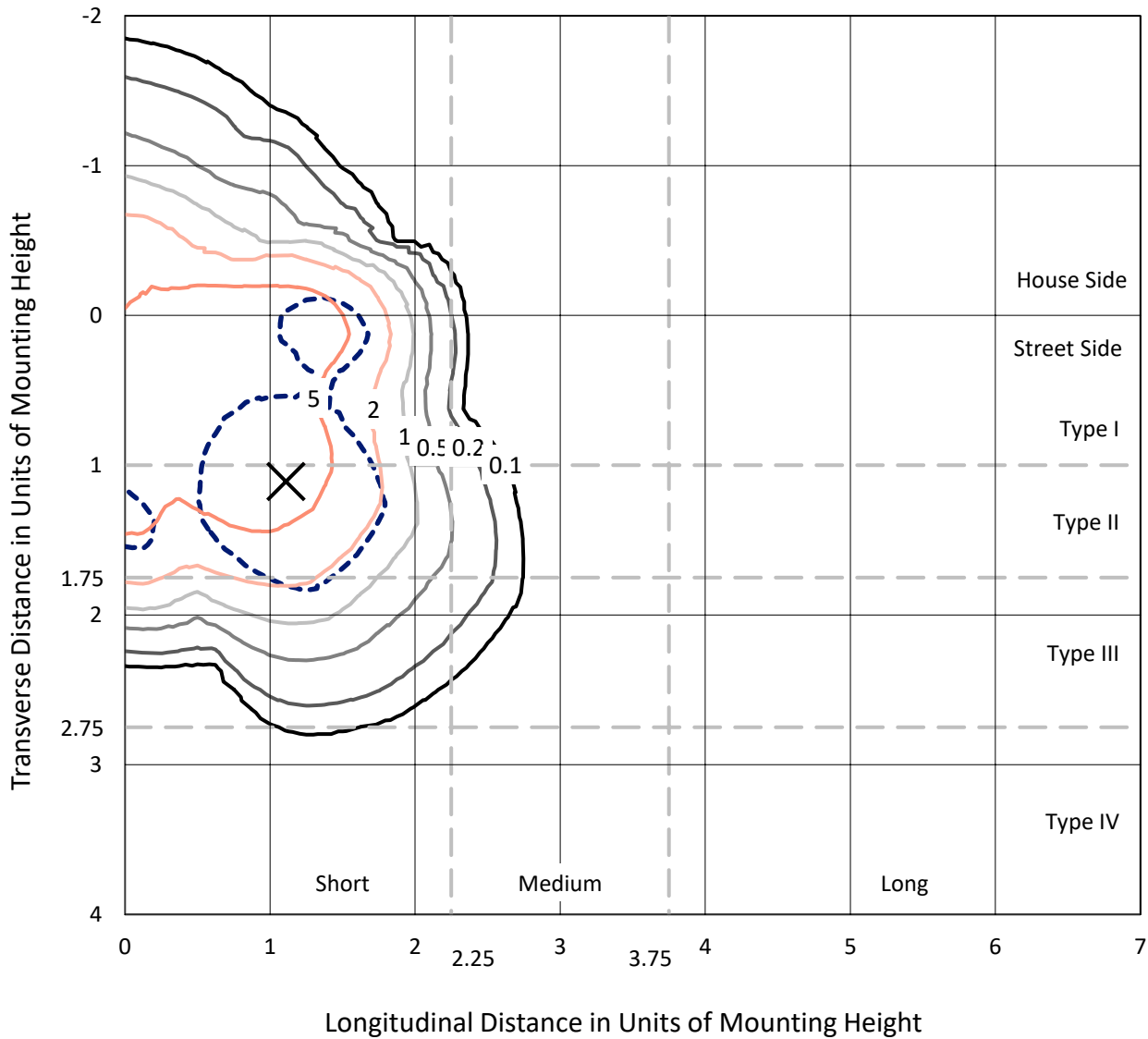
Lumens per Lamp: N/A  
Luminaire Lumens: 19548.6 lumens  
Efficiency: N/A  
Efficacy: 79.6 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G2  
  
Input Watts (W): 245.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 0  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P642773  
 CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

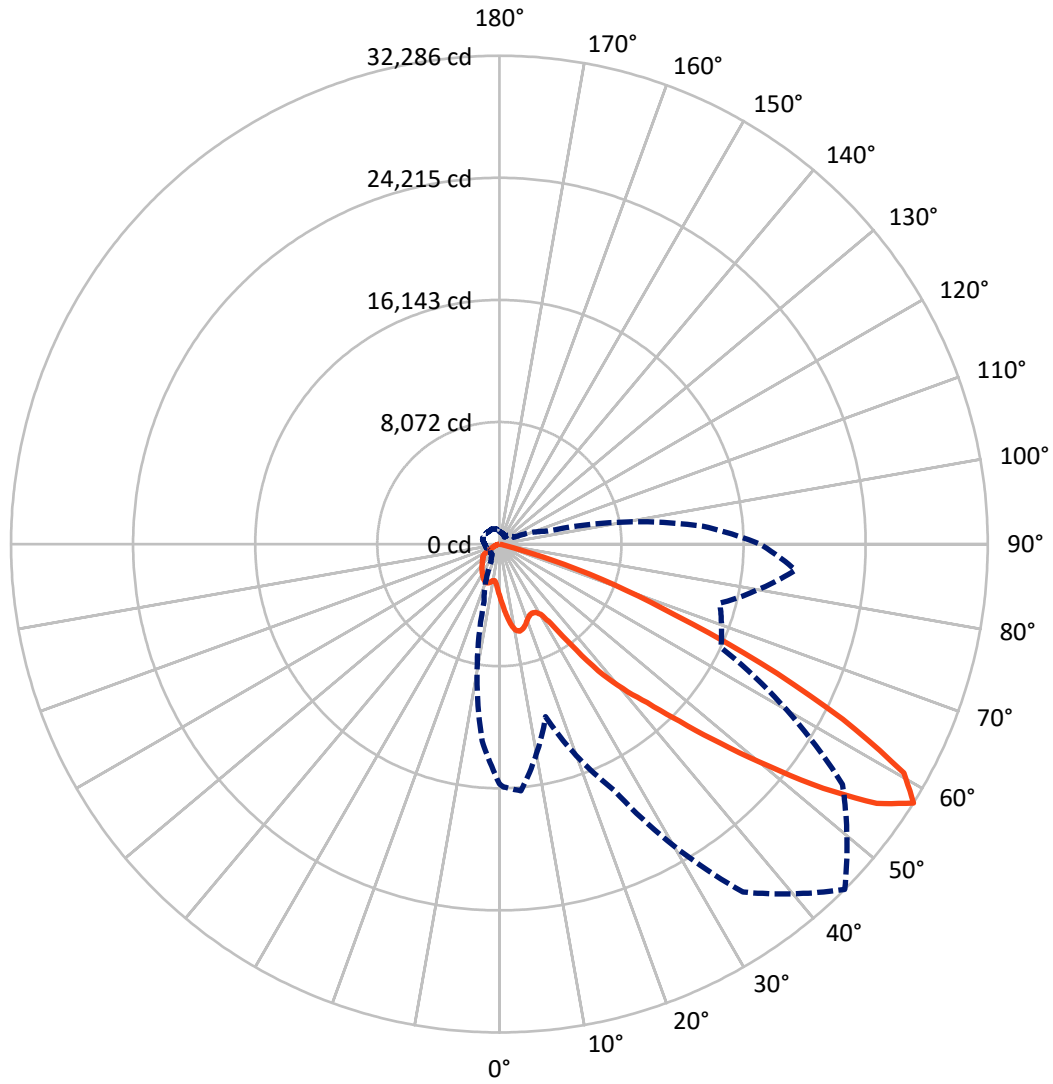
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.8 fc  
 Type III - Short - N/A

REPORT NUMBER: P642773  
CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P642773  
 CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

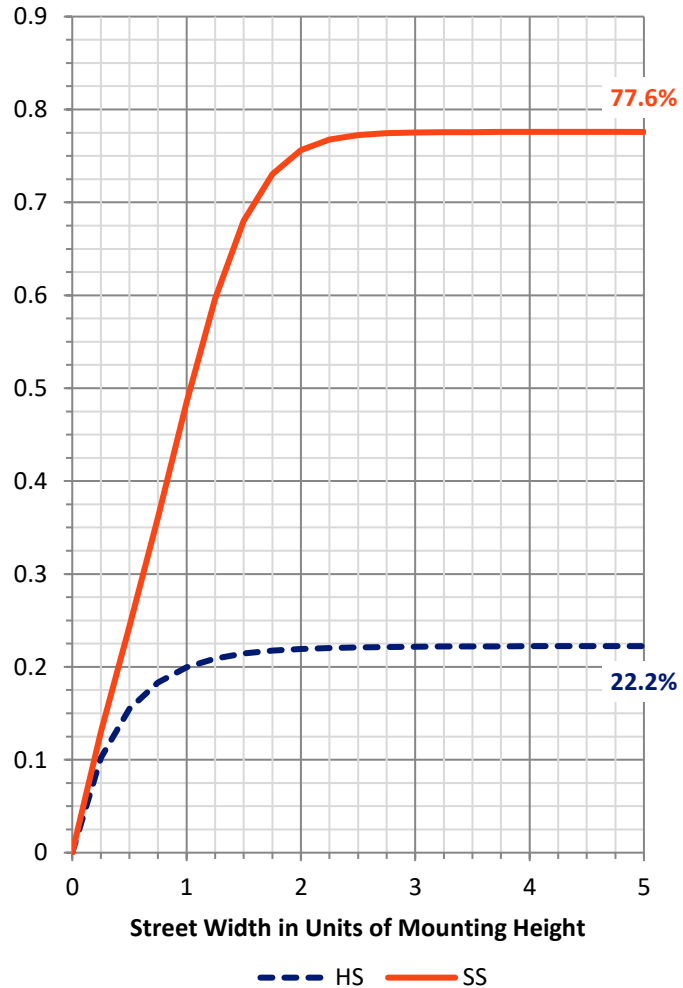
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4377.4	0.0	4377.4
	% Fixture	22.4	0.0	22.4
<b>Street Side</b>	Lumens	15171.2	0.0	15171.2
	% Fixture	77.6	0.0	77.6
<b>Total</b>	Lumens	19548.6	0.0	19548.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	338.0	1.7
10°-20°	1093.4	5.6
20°-30°	1776.2	9.1
30°-40°	2744.5	14.0
40°-50°	4400.9	22.5
50°-60°	6014.8	30.8
60°-70°	2913.1	14.9
70°-80°	266.7	1.4
80°-90°	0.8	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19548.6	100.0
0°-180°	19548.6	100.0

**Coefficient of Utilization**



REPORT NUMBER: P642773

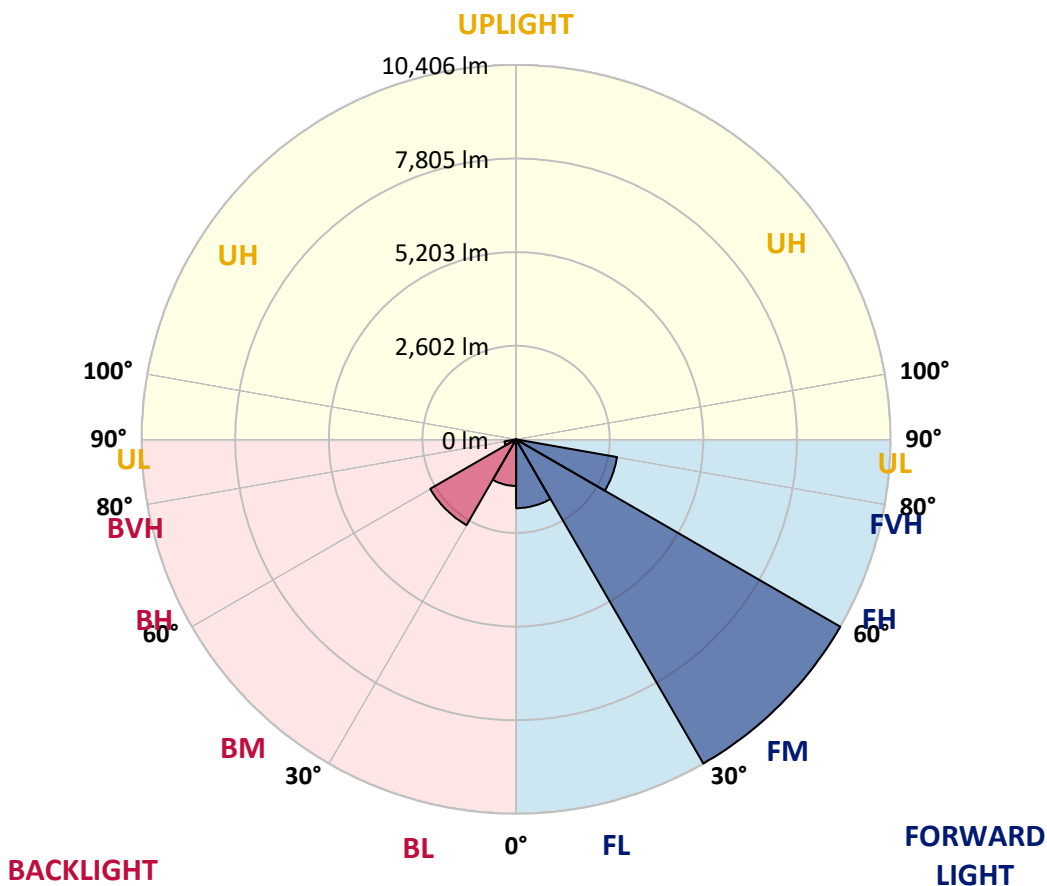
CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1912.4	9.8			
FM (30°-60°)	10406.2	53.2			
FH (60°-80°)	2851.8	14.6			G2/5000
FVH (80°-90°)	0.8	0.0			G0/10
BL (0°-30°)	1295.2	6.6	B3/2500		
BM (30°-60°)	2754.1	14.1	B3/5000		
BH (60°-80°)	328.1	1.7	B1/500		G1/500
BVH (80°-90°)	0.0	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G2**

Type III Short





REPORT NUMBER: P642773

CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9
2.5°	3722.2	3745.8	3785.2	3869.3	3940.2	3987.5	4008.5	4003.3	3974.4	3953.4	3911.3
5°	4121.5	4121.5	4197.7	4389.4	4536.5	4628.5	4675.7	4646.8	4589.0	4497.1	4355.3
7.5°	4470.8	4484.0	4612.7	4885.9	5109.2	5240.5	5316.7	5300.9	5198.5	5022.5	4738.8
10°	4744.0	4759.8	4930.5	5264.1	5526.8	5660.8	5773.7	5784.3	5671.3	5437.5	5111.8
12.5°	5009.3	5025.1	5203.7	5524.2	5755.4	5810.5	5910.3	5949.7	5920.8	5755.4	5416.5
15°	5295.7	5332.4	5484.8	5723.8	5821.0	5755.4	5821.0	5891.9	5989.1	5973.4	5668.7
17.5°	5576.7	5603.0	5758.0	5842.0	5734.3	5563.6	5595.1	5679.2	5899.8	6115.2	5918.2
20°	5836.8	5873.6	6002.3	5891.9	5566.2	5300.9	5303.5	5413.9	5750.1	6201.9	6173.0
22.5°	6110.0	6165.1	6257.1	5947.1	5411.2	5093.4	5106.5	5206.4	5631.9	6283.3	6462.0
25°	6467.2	6519.8	6580.2	6083.7	5361.3	4991.0	5040.9	5132.8	5631.9	6422.6	6819.2
27.5°	6950.6	6987.3	6990.0	6338.5	5448.0	5006.7	5111.8	5216.9	5800.0	6701.0	7297.3
30°	7557.4	7615.1	7539.0	6735.2	5718.6	5216.9	5371.8	5503.2	6162.5	7171.2	8001.3
32.5°	8295.5	8376.9	8274.5	7323.6	6283.3	5941.9	6222.9	6299.1	6740.4	7851.6	8799.8
35°	9162.3	9230.6	9120.3	8137.9	7602.0	7665.1	8174.7	8077.5	7901.5	8689.5	9732.4
37.5°	10113.2	10176.3	9963.5	9372.5	9551.1	9824.3	10638.6	10305.0	9737.6	9769.1	10743.7
40°	10985.3	11053.6	10720.0	10714.8	11082.5	11581.6	12564.1	12104.4	11332.1	11182.4	11692.0
42.5°	11889.0	11936.3	11634.2	11429.3	12264.6	13291.7	14331.9	13712.0	12388.1	12225.2	12879.3
45°	13178.7	13278.6	12740.1	11781.3	13328.5	15259.2	16709.2	15498.2	13107.8	12976.5	14697.0
47.5°	15075.3	15148.9	14050.8	12001.9	14318.8	17710.0	19680.1	17815.1	13740.9	13441.4	17182.0
50°	16643.5	16693.4	15256.6	12243.6	15372.1	20352.6	23066.1	20562.7	14452.7	14211.1	19501.5
52.5°	17799.3	17988.4	16840.5	12740.1	16756.5	23460.1	26814.5	23817.3	15563.9	15697.9	21424.3
55°	18038.4	18295.8	17922.8	13044.8	17975.3	26625.4	30276.7	26730.5	16672.4	16824.8	22070.5
57.5°	15852.8	16057.7	16367.7	11815.4	17946.4	28075.4	32286.2	27697.2	16168.1	15088.4	19651.2
60°	11875.8	12017.7	12579.8	9031.0	16504.3	26793.5	30720.6	26052.8	14137.5	11513.3	14972.9
62.5°	7042.5	7105.5	7817.4	5849.9	13698.8	23074.0	25477.5	22480.3	11171.9	7743.9	9170.2
65°	2703.0	2676.7	3220.5	2886.9	10073.8	18379.8	18949.9	17137.4	7665.1	3548.8	3496.3
67.5°	417.7	399.3	538.5	853.7	7265.8	12737.4	12503.6	12351.3	4801.8	827.4	722.4
70°	94.6	94.6	115.6	252.2	4439.3	7483.8	8009.2	7636.2	3073.4	176.0	94.6
72.5°	44.7	44.7	55.2	107.7	1607.6	3083.9	3593.5	3538.3	998.2	57.8	34.1
75°	15.8	18.4	18.4	23.6	97.2	160.2	367.8	262.7	63.0	0.0	0.0
77.5°	5.3	5.3	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P642773

CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9
2.5°	3819.4	3801.0	3732.7	3640.8	3551.5	3472.7	3391.2	3294.0	3223.1	3141.7	3115.4
5°	4244.9	4129.4	3942.9	3748.5	3569.8	3417.5	3270.4	3112.8	2997.2	2881.6	2842.2
7.5°	4604.8	4434.1	4132.0	3840.4	3596.1	3380.7	3167.9	2952.5	2784.4	2647.8	2605.8
10°	4927.9	4730.9	4326.4	3966.5	3659.2	3409.6	3152.2	2881.6	2663.6	2500.7	2461.3
12.5°	5206.4	4977.8	4491.9	4061.1	3685.4	3399.1	3149.6	2934.2	2737.1	2550.6	2500.7
15°	5440.1	5188.0	4631.1	4124.1	3646.0	3267.8	3049.7	3015.6	2999.8	2794.9	2697.7
17.5°	5668.7	5385.0	4744.0	4153.0	3535.7	3036.6	2879.0	3034.0	3199.5	3065.5	2942.0
20°	5907.7	5584.6	4859.6	4158.3	3351.8	2776.5	2750.3	2994.6	3204.7	3162.7	3047.1
22.5°	6188.8	5834.2	5004.1	4155.6	3120.7	2555.9	2655.7	2918.4	3089.1	3086.5	2994.6
25°	6595.9	6149.4	5198.5	4171.4	2868.5	2385.1	2550.6	2789.7	2928.9	2923.6	2847.5
27.5°	7032.0	6525.0	5450.6	4210.8	2653.1	2285.3	2427.2	2613.7	2734.5	2729.3	2663.6
30°	7644.0	6958.4	5692.3	4213.4	2498.1	2232.8	2290.6	2419.3	2534.9	2521.7	2471.8
32.5°	8387.4	7447.0	5894.6	4063.7	2400.9	2182.9	2148.7	2214.4	2303.7	2285.3	2272.2
35°	9285.8	8027.6	6067.9	3735.3	2251.2	2083.1	1991.1	2004.3	2067.3	2077.8	2072.6
37.5°	10310.3	8718.4	6283.3	3301.9	2048.9	1938.6	1815.1	1804.6	1841.4	1875.5	1901.8
40°	11321.6	9495.9	6574.9	2863.2	1865.0	1754.7	1636.5	1610.2	1626.0	1686.4	1741.6
42.5°	12459.0	10396.9	6890.1	2487.6	1739.0	1552.4	1439.5	1389.6	1434.2	1531.4	1597.1
45°	14098.1	11660.4	7197.5	2188.1	1686.4	1373.8	1221.5	1216.2	1266.1	1392.2	1465.8
47.5°	16399.2	13294.3	7399.7	1954.4	1683.8	1234.6	1053.4	1084.9	1142.7	1266.1	1350.2
50°	18642.5	15340.6	7176.5	1775.7	1628.6	1142.7	927.3	990.3	1048.1	1155.8	1242.5
52.5°	19995.3	16441.2	6307.0	1607.6	1457.9	1100.6	803.8	914.1	924.6	1021.8	1113.8
55°	19853.5	15729.4	4830.7	1347.6	1205.7	1040.2	675.1	824.8	830.1	903.6	982.4
57.5°	17231.9	13504.5	3317.7	1092.8	906.3	859.0	556.9	696.1	746.0	790.7	848.5
60°	12842.5	9853.2	1478.9	887.9	575.3	580.5	475.5	525.4	601.5	654.1	704.0
62.5°	7567.9	5668.7	601.5	533.2	317.8	365.1	383.5	383.5	430.8	470.2	501.7
65°	2860.6	1983.2	244.3	267.9	165.5	170.7	225.9	278.4	315.2	349.4	391.4
67.5°	501.7	346.7	126.1	99.8	97.2	86.7	115.6	181.3	202.3	228.5	246.9
70°	84.1	70.9	52.5	49.9	44.7	47.3	76.2	128.7	141.8	149.7	157.6
72.5°	23.6	21.0	15.8	13.1	10.5	13.1	47.3	99.8	105.1	110.3	118.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	18.4	70.9	76.2	78.8	86.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	21.0	26.3	21.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P642773

CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9
2.5°	3099.6	3047.1	3018.2	3002.5	3002.5	2981.4	2957.8	2949.9	2984.1	2984.1	3041.9
5°	2792.3	2750.3	2703.0	2674.1	2629.4	2637.3	2611.1	2608.4	2642.6	2658.3	2718.8
7.5°	2579.5	2527.0	2498.1	2479.7	2456.1	2445.6	2421.9	2414.0	2432.4	2458.7	2516.5
10°	2437.7	2429.8	2427.2	2440.3	2440.3	2427.2	2406.2	2393.0	2398.3	2448.2	2513.9
12.5°	2474.5	2490.2	2495.5	2516.5	2527.0	2516.5	2500.7	2506.0	2540.1	2632.1	2729.3
15°	2634.7	2621.6	2616.3	2626.8	2634.7	2624.2	2618.9	2658.3	2776.5	2907.9	3018.2
17.5°	2805.4	2721.4	2684.6	2684.6	2689.9	2684.6	2689.9	2766.0	2957.8	3089.1	3170.6
20°	2892.1	2737.1	2679.4	2666.2	2676.7	2679.4	2697.7	2784.4	2994.6	3086.5	3104.9
22.5°	2865.9	2671.5	2605.8	2595.3	2605.8	2616.3	2634.7	2708.2	2905.3	2952.5	2944.7
25°	2734.5	2542.8	2490.2	2490.2	2513.9	2511.2	2519.1	2571.7	2734.5	2763.4	2750.3
27.5°	2569.0	2387.8	2343.1	2369.4	2390.4	2385.1	2387.8	2432.4	2553.3	2561.1	2548.0
30°	2400.9	2243.3	2201.3	2232.8	2261.7	2256.4	2259.1	2303.7	2379.9	2372.0	2353.6
32.5°	2230.2	2114.6	2083.1	2101.5	2146.1	2140.9	2151.4	2198.6	2227.5	2193.4	2172.4
35°	2072.6	2012.1	1988.5	1999.0	2033.2	2041.0	2059.4	2090.9	2090.9	2048.9	2012.1
37.5°	1925.5	1917.6	1901.8	1888.7	1920.2	1943.8	1970.1	2006.9	1954.4	1893.9	1859.8
40°	1788.9	1823.0	1802.0	1767.8	1786.2	1820.4	1872.9	1901.8	1838.8	1778.4	1720.6
42.5°	1662.8	1720.6	1712.7	1670.7	1686.4	1717.9	1778.4	1802.0	1728.4	1660.1	1605.0
45°	1541.9	1623.4	1628.6	1576.1	1591.9	1623.4	1694.3	1702.2	1607.6	1534.1	1494.7
47.5°	1436.9	1526.2	1528.8	1489.4	1494.7	1539.3	1605.0	1607.6	1499.9	1431.6	1381.7
50°	1337.0	1439.5	1447.4	1413.2	1418.5	1471.0	1526.2	1515.7	1400.1	1329.2	1284.5
52.5°	1216.2	1355.4	1373.8	1358.1	1379.1	1421.1	1455.3	1418.5	1284.5	1213.6	1174.2
55°	1084.9	1266.1	1305.5	1295.0	1318.7	1352.8	1360.7	1337.0	1168.9	1098.0	1061.2
57.5°	932.5	1042.8	1111.1	1090.1	1108.5	1142.7	1166.3	1147.9	1021.8	966.7	935.1
60°	772.3	845.8	861.6	827.4	811.7	872.1	927.3	903.6	795.9	761.8	725.0
62.5°	564.8	648.8	659.3	614.7	596.3	662.0	709.2	685.6	567.4	530.6	501.7
65°	451.8	530.6	551.6	509.6	499.1	549.0	577.9	520.1	436.1	396.6	365.1
67.5°	296.8	359.9	415.0	412.4	391.4	407.2	386.1	338.9	278.4	257.4	236.4
70°	183.9	220.7	254.8	267.9	265.3	260.1	231.2	197.0	178.6	170.7	160.2
72.5°	141.8	178.6	204.9	212.8	215.4	207.5	183.9	152.4	134.0	123.5	115.6
75°	105.1	134.0	155.0	165.5	170.7	165.5	141.8	120.8	102.4	94.6	86.7
77.5°	36.8	44.7	55.2	60.4	57.8	55.2	49.9	49.9	39.4	36.8	31.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P642773

CATALOG NUMBER: GWS-SA6D-750-U-SLR-W-GRSBK

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9	3435.9
2.5°	3107.5	3154.8	3241.5	3320.3	3404.4	3491.0	3585.6	3682.8	3727.5	3722.2
5°	2810.7	2913.1	3055.0	3210.0	3383.3	3569.8	3777.4	3990.1	4082.1	4121.5
7.5°	2624.2	2768.7	2955.2	3152.2	3380.7	3646.0	3958.6	4292.2	4426.2	4470.8
10°	2647.8	2815.9	2970.9	3162.7	3407.0	3751.1	4139.9	4536.5	4694.1	4744.0
12.5°	2839.6	2876.4	2918.4	3076.0	3383.3	3829.9	4305.4	4778.2	4959.4	5009.3
15°	3013.0	2842.2	2763.4	2907.9	3299.3	3885.1	4473.5	5038.2	5237.9	5295.7
17.5°	3020.8	2763.4	2587.4	2700.4	3162.7	3908.7	4639.0	5303.5	5521.6	5576.7
20°	2923.6	2676.7	2450.8	2453.4	2976.2	3903.4	4775.6	5542.6	5786.9	5836.8
22.5°	2781.8	2574.3	2340.5	2259.1	2776.5	3892.9	4925.3	5797.4	6062.7	6110.0
25°	2624.2	2442.9	2235.4	2112.0	2576.9	3903.4	5135.4	6131.0	6422.6	6467.2
27.5°	2453.4	2298.5	2154.0	2054.2	2408.8	3942.9	5387.6	6556.5	6903.3	6950.6
30°	2274.8	2159.2	2101.5	2041.0	2303.7	3953.4	5660.8	7053.0	7491.7	7557.4
32.5°	2098.8	2035.8	2038.4	2048.9	2203.9	3879.8	5910.3	7604.6	8190.4	8295.5
35°	1936.0	1917.6	1970.1	2022.6	2059.4	3690.7	6128.4	8256.1	9054.6	9162.3
37.5°	1796.7	1812.5	1878.2	1930.7	1901.8	3422.7	6417.3	9070.4	10021.3	10113.2
40°	1662.8	1702.2	1778.4	1802.0	1781.0	3110.2	6764.1	9855.8	10859.3	10985.3
42.5°	1539.3	1568.2	1675.9	1681.2	1746.8	2792.3	7097.7	10701.7	11823.3	11889.0
45°	1439.5	1434.2	1544.6	1578.7	1791.5	2440.3	7423.4	11828.6	13084.2	13178.7
47.5°	1342.3	1337.0	1363.3	1518.3	1809.9	2114.6	7746.5	13478.2	14912.4	15075.3
50°	1250.4	1258.2	1176.8	1489.4	1710.1	1865.0	7893.6	15004.4	16575.2	16643.5
52.5°	1168.9	1140.0	998.2	1394.8	1497.3	1628.6	7475.9	15697.9	17604.9	17799.3
55°	1053.4	893.1	822.2	1132.2	1182.1	1421.1	6123.1	15296.0	17694.2	18038.4
57.5°	901.0	701.4	698.7	835.3	835.3	1318.7	3921.8	13068.4	15248.7	15852.8
60°	693.5	543.8	577.9	580.5	535.9	961.4	2201.3	9467.0	11274.3	11875.8
62.5°	493.8	415.0	436.1	346.7	307.3	480.7	1056.0	5450.6	6958.4	7042.5
65°	331.0	281.1	228.5	191.8	189.1	204.9	436.1	1970.1	2395.7	2703.0
67.5°	218.0	170.7	120.8	120.8	136.6	136.6	165.5	325.7	457.1	417.7
70°	141.8	118.2	76.2	73.6	89.3	89.3	84.1	89.3	94.6	94.6
72.5°	105.1	89.3	44.7	39.4	49.9	52.5	47.3	44.7	44.7	44.7
75°	78.8	63.0	26.3	18.4	23.6	31.5	26.3	18.4	18.4	15.8
77.5°	31.5	23.6	10.5	7.9	13.1	18.4	15.8	7.9	5.3	5.3
80°	2.6	5.3	5.3	5.3	7.9	10.5	13.1	5.3	2.6	2.6
82.5°	0.0	2.6	2.6	2.6	5.3	7.9	10.5	5.3	2.6	2.6
85°	0.0	0.0	0.0	0.0	5.3	7.9	5.3	2.6	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	2.6	7.9	5.3	2.6	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)